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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/692,185
	Filing Date	October 23, 2003
	First Named Inventor	Steve Michael KELLY
	Art Unit	2624
	Examiner Name	Claire X. Wang
Total Number of Pages in This Submission	Attorney Docket Number	PGS-03-20US

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Firm Name	Petroleum Geo-Services, Inc.		
Signature			
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Date	January 24, 2007	Reg. No.	27,400

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**  
Steve Michael Kelly

**Serial No.** 10/692,185

**Filed:** October 23, 2003

**Title:** **METHOD FOR IMAGING OF  
PRESTACK SEISMIC DATA**

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**Group Art Unit: 2624**

**Examiner: Claire X. Wang**

**Atty Docket No. PGS-03-20US**

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*E. Eugene Thigpen*  
E. Eugene Thigpen

Date: January 24, 2007

**RESPONSE TO OFFICE ACTION**

**(A) INTRODUCTORY COMMENTS**

This letter is in response to the first Office Action, mailed November 2, 2006, in the patent application identified above.

Claims 1–5 are pending in the present patent application. Claims 1–4 are accepted, while claim 5 is rejected in the Office Action under 35 U.S.C. §101 and §112, second paragraph. Claim 5 is amended in this response.

A complete set of claims, including amended claims, are presented below in Section (B) Amendments to the Claims, in compliance with 37 CFR 1.121. These amendments and traversal of the claim rejections are discussed below in Section (C) Remarks.

The sections of this response begin on the following pages:

page 1	(A) Introductory Comments
page 3	(B) Amendments to the Claims
page 5	(C) Remarks